

Amendments to the Claims:

The following listing of claims will replace all prior versions, and listings, of claims in the application:

1. (Currently Amended) A magnetoresistive device comprising:

a magnetoresistive element having two surfaces that face toward opposite directions and two side portions;

a pair of bias field applying layers that are adjacent to the side portions of the magnetoresistive element and apply a bias magnetic field to the magnetoresistive element; and

a pair of electrode layers that feed a current used for signal detection to the magnetoresistive element, each of the electrode layers being adjacent to one of surfaces of each of the bias field applying layers and overlapping one of the surfaces of the magnetoresistive element, wherein:

each of the pair of electrode layers includes: a first layer include: a pair of first layers each being laid over part of the one of the surfaces of the magnetoresistive element; and a pair of second layer layers overlapping the first layer pair of first layers and electrically connected to the first layer pair of first layers;

the pair of first layers have a pair of end portions opposed to each other, and a pair of side portions located at positions corresponding to the side portions of the magnetoresistive element; and

the pair of first layers each do not extend onto the one of the surfaces of each of the bias field applying layers,

the magnetoresistive device further comprising a pair of covering layers for covering the pair of second layers, the pair of covering layers having a pair of end portions

that are opposed to each other and located at positions corresponding to the pair of end portions of the pair of first layers.

2. (Original) A magnetoresistive device according to claim 1, further comprising a protection layer for protecting the magnetoresistive element, the protection layer being located between the one of the surfaces of the magnetoresistive element and the first layers.

3. (Currently Amended) A thin-film magnetic head comprising:
a medium facing surface that faces toward a recording medium;
a magnetoresistive element located near the medium-facing surface and having two surfaces that face toward opposite directions and two side portions;

a pair of bias field applying layers that are adjacent to the side portions of the magnetoresistive element and apply a bias magnetic field to the magnetoresistive element;
and

a pair of electrode layers that feed a current used for signal detection to the magnetoresistive element, each of the electrode layers being adjacent to one of surfaces of each of the bias field applying layers and overlapping one of the surfaces of the magnetoresistive element, wherein:

~~wherein each of the pair of electrode layers includes: a first layer include: a~~
pair of first layers each being laid over part of the one of the surfaces of the magnetoresistive element; and ~~a second layer a pair of second layers~~ overlapping the ~~first layer pair of first~~
layers and electrically connected to the ~~first layer pair of first layers~~;

the pair of first layers have a pair of end portions opposed to each other, and a
pair of side portions located at positions corresponding to the side portions of the
magnetoresistive element; and

the pair of first layers each do not extend onto the one of the surfaces of each
of the bias field applying layers;

the thin-film magnetic head further comprising a pair of covering layers for covering the pair of second layers, the pair of covering layers having a pair of end portions that are opposed to each other and located at positions corresponding to the pair of end portions of the pair of first layers.

4. (Original) A thin-film magnetic head according to claim 3, further comprising a protection layer for protecting the magnetoresistive element, the protection layer being located between the one of the surfaces of the magnetoresistive element and the first layers.